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(71) Applicant: SENSANT CORPORATION [US/US];
14470 Doolittle Drive, San Leandro, CA 94577 (US).

(72) Inventors: LADABAUM, Igal; 121 Baytree Road, San
Carlos, CA 94070 (US). WAGNER, A., Paul; 665 Eddy
Street, #65, San Francisco, CA 94070 (US).

(74) Agents: JAKOPIN, A., David et al.; Pillsbury Winthrop
LLP, 1600 Tysons Boulevard, McLean, VA 22102 (US).

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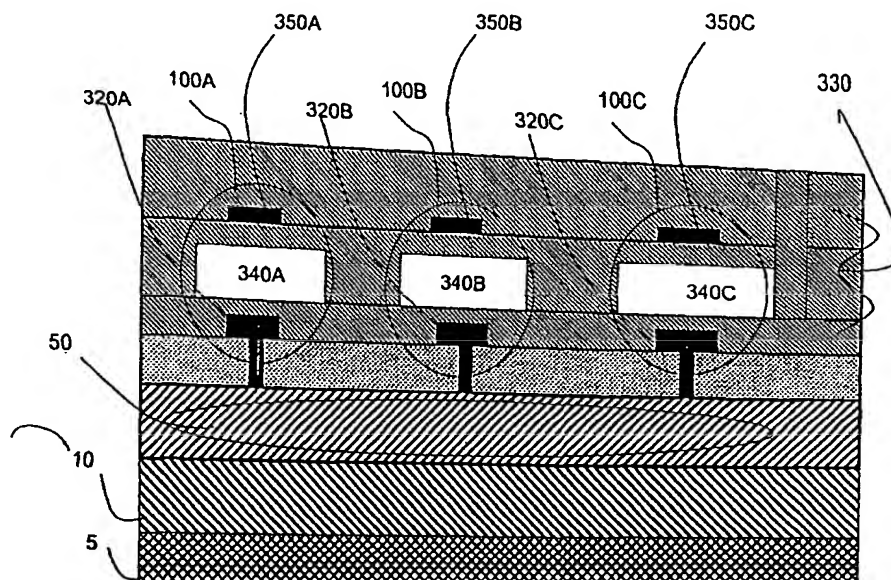
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ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: MICROFABRICATED ACOUSTIC TRANSDUCER WITH SUPPRESSED SUBSTRATE MODES



(57) Abstract: The present invention provides a microfabricated acoustic transducer with suppressed substrate modes. The modes are suppressed by either thinning the substrate (10) such that a longitudinal ringing mode occurs outside of the frequency band of interest or by applying a judiciously designed damping material (5) on the backside of the transducer substrate.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
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B. FIELDS SEARCHED

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 730 113 A (KORNRUMPF WILLIAM PAUL ET AL) 24 March 1998 (1998-03-24) column 1, line 17 - line 21 column 5, line 28 - column 6, line 55; figure 1	1,9,19, 27
A	US 5 619 476 A (HALLER MATTHEW I ET AL) 8 April 1997 (1997-04-08) cited in the application abstract; claim 1	1,9,19, 27
A	US 4 494 091 A (GOLL JEFFREY H) 15 January 1985 (1985-01-15) column 2, line 3 - line 10	1,9,19, 27
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax (+31-70) 340-3016

Authorized officer

Lorne, B

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 199 28 596 A (TRW INC) 5 January 2000 (2000-01-05) column 2, line 5 - line 17 -----	1, 9, 19, 27

INTERNATIONAL SEARCH REPORT

Information on patent family members

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